ProductList

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QuantiGene Singleplex miRNA Probe Sets

About QuantiGene Singleplex miRNA Assay

MicroRNAs are a major component in the regulatory circuitry that underlies the development and physiology of complex organisms. the QuantiGene miRNA Assay provides direct measurement with excellent specificity for mature target miRNA. All miRNA probe sets on this list have been functionally validated for specificity, cross-reactivity towards closely-related family members, and sensitivity. The ability of the probe to recognize miRNAs across species is indicated. New custom probe sets can be designed with a minimum order quantity of 400 reactions, however the new probe sets will NOT be validated.

Name	Species				Sequence	Probe Set Cat. No.	Control Cat. No.	Alt Name
	Human	Mouse	Rat	Other				
let-7a	X	X	X	Worm	ugagguaguagguuguauaguu	SM-10008	SMC-10008	let-7a-5p
let-7b	X	X	X		ugagguaguagguugugugguu	SM-10009	SMC-10009	let-7b-5p
let-7c	X	X	X		ugagguaguagguuguaugguu	SM-10010	SMC-10010	-
let-7c*	X				uagaguuacacccuggggaguua	SM-10380	SMC-10380	-
let-7d	X	X	X		agagguaguagguugcauaguu	SM-10052	SMC-10052	let-7d-5p
let-7e	X	X	X		ugagguaggagguuguauaguu	SM-10159	SMC-10159	let-7e-5p
let-7f	X	X	X		ugagguaguagauuguauaguu	SM-10127	SMC-10127	let-7f-5p
let-7g	X	X			ugagguaguaguuuguacaguu	SM-10128	SMC-10128	let-7g-5p
let-7i	X	X	X		ugagguaguaguuugugcuguu	SM-10053	SMC-10053	let-7i-5p
let-7i*	X	X	X		cugcgcaagcuacugccuugcu	SM-10393	SMC-10393	let-7i-3p
miR-1	X	X			uggaauguaaagaaguauguau	SM-10015	SMC-10015	-
miR-100	X	X	X		aacccguagauccgaacuugug	SM-10095	SMC-10095	miR-100-5p
miR-101	X	X	X		uacaguacugugauaacugaa	SM-10055	SMC-10055	miR-101-3p
miR-103	X	X	X		agcagcauuguacagggcuauga	SM-10101	SMC-10101	miR-103a-3p
miR-105	X				ucaaaugcucagacuccuguggu	SM-10043	SMC-10043	miR-105-5p
miR-106a	X				aaaagugcuuacagugcagguag	SM-10071	SMC-10071	miR-106a-5p
miR-106b	X	X	X		uaaagugcugacagugcagau	SM-10072	SMC-10072	miR-106b-5p
miR-107	X	X	X		agcagcauuguacagggcuauca	SM-10001	SMC-10001	-
miR-10a	X	X	X		uacccguagauaccgaauuugug	SM-10176	SMC-10176	miR-10a-5p
miR-10b	X	X			uacccguagaaccgaauuugug	SM-10183	SMC-10183	miR-10b-5p
miR-1204	X				ucguggccuggucuccauuau	SM-10158	SMC-10158	-
miR-122	X	X	X		uggagugugacaaugguguuug	SM-10046	SMC-10046	miR-122-5p
miR-1228*	X				gugggcgggggcaggugugug	SM-10305	SMC-10305	miR-1228-5p
miR-1236	X				ccucuuccccuugucucuccag	SM-10543	SMC-10543	-
miR-124	X	X	X		uaaggcacgcggugaaugcc	SM-10105	SMC-10105	miR-124-3p
miR-1245b-3p	X				ucagaugaucuaaaaggccuaua	SM-10566	SMC-10566	-
miR-1246	X				aauggauuuuuggagcagg	SM-10163	SMC-10163	-
miR-1250	X				acggugcuggauguggccuuu	SM-10545	SMC-10545	-
miR-1257	X				agugaaugauggguucugacc	SM-10023	SMC-10023	-
miR-125a-5p	X	X	X		ucccugagacccuuuaaccuguga	SM-10174	SMC-10174	-
miR-125b	X	X	X		ucccugagacccuaacuuguga	SM-10040	SMC-10040	miR-125b-5p
miR-126	X	X	X		ucguaccgugaguaauaaugcg	SM-10056	SMC-10056	miR-126-3p
miR-126-5p	X	X	X		cauuauuacuuuugguacgcg	SM-10423	SMC-10423	-

miR-127-3p	X	X	X		ucggauccgucugagcuuggcu	SM-10203	SMC-10203	-
miR-1275	X				gugggggagaggcuguc	SM-10356	SMC-10356	-
miR-127-5p	X	X			cugaagcucagagggcucugau	SM-10202	SMC-10202	-
miR-128	X	X	X		ucacagugaaccggucucuuu	SM-10044	SMC-10044	-
miR-1291	X				uggcccugacugaagaccagcagu	SM-10283	SMC-10283	-
miR-1293	X				uggguggucuggagauuugugc	SM-10340	SMC-10340	-
miR-1297	X				uucaaguaauucaggug	SM-10016	SMC-10016	-
miR-1303	X				uuuagagacggggucuugcucu	SM-10345	SMC-10345	-
miR-130a	X	X	X		cagugcaauguuaaaagggcau	SM-10131	SMC-10131	miR-130a-3p
miR-130b	X	X	X		cagugcaaugaugaaagggcau	SM-10073	SMC-10073	miR-130b-3p
miR-132	X	X	X		uaacagucuacagccauggucg	SM-10091	SMC-10091	miR-132-3p
miR-1321	X				cagggaggugaaugugau	SM-10042	SMC-10042	-
miR-1323	X				ucaaaacugaggggcauuuucu	SM-10544	SMC-10544	-
miR-133a	X	X	X		uuugguccccuucaaccagcug	SM-10051	SMC-10051	-
miR-133b	X	X	X		uuugguccccuucaaccagcua	SM-10175	SMC-10175	-
miR-134	X	X	X		ugugacugguugaccagagggg	SM-10133	SMC-10133	-
miR-135a	X	X	X		uauggcuuuuuauuccuauguga	SM-10074	SMC-10074	miR-135a-5p
miR-135b	X	X	X		uauggcuuuucauuccuauguga	SM-10075	SMC-10075	miR-135b-5p
miR-137	X	X	X		uuauugcuuaagaauacgcguag	SM-10103	SMC-10103	-
miR-138	X	X	X		agcuggguguugugaaucaggccg	SM-10093	SMC-10093	miR-138-5p
miR-139-3p	X				ggagacgcggcccuguuggagu	SM-10381	SMC-10381	-
miR-139-5p	X	X	X		ucuacagugcacgugucuccag	SM-10188	SMC-10188	-
miR-140-5p	X	X	X		cagugguuuuacccuaugguag	SM-10280	SMC-10280	-
miR-141	X	X	X		uaacacugucugguaaagaugg	SM-10057	SMC-10057	miR-141-3p
miR-142-3p	X	X	X		uguaguguuuccuacuuuaugga	SM-10115	SMC-10115	-
miR-143	X	X			ugagaugaagcacuguagcuc	SM-10035	SMC-10035	miR-143-3p
miR-144	X	X	X		uacaguauagaugauguacu	SM-10121	SMC-10121	miR-144-3p
miR-145	X	X	X		guccaguuuucccaggaaucccu	SM-10033	SMC-10033	miR-145-5p
miR-145				Macaca mulatta	guccaguuuucccaggaaucccuu	SM-10498	SMC-10498	-
miR-1469	X				cucggcgcggggcgcgggcucc	SM-10295	SMC-10295	-
miR-146a	X	X	X		ugagaacugaauuccauggguu	SM-10005	SMC-10005	miR-146a-5p
miR-146b-5p	X	X			ugagaacugaauuccauaggcu	SM-10013	SMC-10013	-
miR-147	X				gugguggaaaugcuucugc	SM-10123	SMC-10123	miR-147a
miR-148a	X	X			ucagugcacuacagaacuuugu	SM-10099	SMC-10099	miR-148a-3p
miR-148b	X	X	X		ucagugcaucacagaacuuugu	SM-10100	SMC-10100	miR-148b-3p
miR-150	X	X	X		ucucccaacccuuguaccagug	SM-10108	SMC-10108	miR-150-5p
miR-151-3p	X				cuagacugaagcuccuugagg	SM-10164	SMC-10164	miR-151a-3p
miR-151-5p	X	X	X		ucgaggagcucacagucuagu	SM-10171	SMC-10171	miR-151a-5p
miR-152	X	X	X		ucagugcaugacagaacuugg	SM-10136	SMC-10136	-
miR-153	X	X	X		uugcauagucacaaaagugauc	SM-10137	SMC-10137	-
miR-154	X	X	X		uagguuauccguguugccuucg	SM-10197	SMC-10197	miR-154-5p
miR-155	X				uuaaugcuaaucgugauaggggu	SM-10003	SMC-10003	miR-155-5p
miR-155		X			uuaaugcuaauugugauaggggu	SM-10209	SMC-10209	miR-155-5p
miR159a				Arabidopsis	uuuggauugaagggagcucua	SM-10425	SMC-10425	-
miR-15a	X	X			uagcagcacauaauggguugug	SM-10020	SMC-10020	miR-15a-5p
miR-15b	X	X	X		uagcagcacaucaugguuuaca	SM-10021	SMC-10021	miR-15b-5p
miR-16	X	X	X		uagcagcacguaaauauuggcg	SM-10011	SMC-10011	miR-16-5p
miR-17	X	X	X		caaagugcuuacagugcagguag	SM-10032	SMC-10032	miR-17-5p

miR-181a	X	X	X	aacauucaacgcugucggugagu	SM-10028	SMC-10028	miR-181a-5p
miR-181a*	X	X	X	accaucgaccguugauuguacc	SM-10535	SMC-10535	miR-181a-3p
miR-181b	X	X	X	aacauucauugcugucgguggu	SM-10030	SMC-10030	miR-181b-5p
miR-181c	X	X	X	aacauucaaccugucggugagu	SM-10029	SMC-10029	miR-181c-5p
miR-181d	X	X	X	aacauucauuguugucggugggu	SM-10165	SMC-10165	-
miR-181d-3p	X			ccaccgggggaugaaugucac	SM-10552	SMC-10552	-
miR-182	X			uuuggcaaugguagaacucacacu	SM-10059	SMC-10059	miR-182-5p
miR-183	X	X	X	uauggcacugguagaauucacu	SM-10058	SMC-10058	miR-183-5p
miR-183*	X	X		gugaauuaccgaagggccauaa	SM-10540	SMC-10540	miR-183-3p
miR-184	X	X	X	uggacggagaacugauaagggu	SM-10060	SMC-10060	-
miR-184 mutation 1	X			uugacggagaacugauaagggu	SM-10395	SMC-10395	-
miR-184-mut3	X			uggacugagaacugauaagggu	SM-10396	SMC-10396	-
miR-185	X	X	X	uggagagaaaggcaguuccuga	SM-10138	SMC-10138	miR-185-5p
miR-186	X	X	X	caaagaauucuccuuuugggcu	SM-10114	SMC-10114	miR-186-5p
miR-187	X	X	X	ucgugucuuguguugcagccgg	SM-10160	SMC-10160	miR-187-3p
miR-187*	X			ggcuacaacacaggacccgggc	SM-10290	SMC-10290	miR-187-5p
miR-18a	X	X	X	uaaggugcaucuagugcagauag	SM-10132	SMC-10132	miR-18a-5p
miR-18a*	X			acugcccuaagugcuccuucugg	SM-10538	SMC-10538	miR-18a-3p
miR-18b	X			uaaggugcaucuagugcaguuag	SM-10104	SMC-10104	miR-18b-5p
miR-191	X	X	X	caacggaaucccaaaagcagcug	SM-10061	SMC-10061	miR-191-5p
miR-192	X	X	X	cugaccuaugaauugacagcc	SM-10062	SMC-10062	miR-192-5p
miR-192*	X	X		cugccaauuccauaggucacag	SM-10539	SMC-10539	miR-192-3p
miR-193a-3p	X	X	X	aacuggccuacaaagucccagu	SM-10129	SMC-10129	-
miR-193a-5p	X			ugggucuuugcgggcgagauga	SM-10112	SMC-10112	-
miR-193b	X			aacuggccucaaagucccgcu	SM-10191	SMC-10191	miR-193b-3p
miR-194	X	X	X	uguaacagcaacuccaugugga	SM-10096	SMC-10096	miR-194-5p
miR-194*	X	X		ccagugggcugcuguuaucug	SM-10542	SMC-10542	miR-194-3p
miR-195	X	X	X	uagcagcacagaaauauuggc	SM-10014	SMC-10014	miR-195-5p
miR-196a	X	X	X	uagguaguuucauguuguuggg	SM-10076	SMC-10076	miR-196a-5p
miR-196b	X	X	X	uagguaguuuccuguuguuggg	SM-10077	SMC-10077	miR-196b-5p
miR-197	X	X		uucaccaccuucuccacccagc	SM-10139	SMC-10139	miR-197-3p
miR-1974	X			ugguuguaguccgugcgagaaua	SM-10531	SMC-10531	-
miR-198	X			gguccagaggggagauagguuc	SM-10126	SMC-10126	-
miR-199a-3p	X	X	X	acaguagucugcacauugguua	SM-10142	SMC-10142	-
miR-199a-5p	X	X	X	cccaguguucagacuaccuguuc	SM-10140	SMC-10140	-
miR-199b-5p	X			cccaguguuuagacuaucuguuc	SM-10141	SMC-10141	-
miR-19a	X	X	X	ugugcaaaucuaugcaaaacuga	SM-10065	SMC-10065	miR-19a-3p
miR-19b	X	X	X	ugugcaaauccaugcaaaacuga	SM-10066	SMC-10066	miR-19b-3p
miR-200a	X	X	X	uaacacugucugguaacgaugu	SM-10078	SMC-10078	miR-200a-3p
miR-200b	X	X		uaauacugccugguaaugauga	SM-10079	SMC-10079	miR-200b-3p
miR-200b*	X	X	X	caucuuacugggcagcauugga	SM-10541	SMC-10541	miR-200b-5p
miR-200c	X	X		uaauacugccggguaaugaugga	SM-10080	SMC-10080	miR-200c-3p
miR-202-5p		X	X	uuccuaugcauauacuucuuu	SM-10332	SMC-10332	-
miR-203	X	X	X	gugaaauguuuaggaccacuag	SM-10081	SMC-10081	-
miR-204	X	X	X	uucccuuugucauccuaugccu	SM-10006	SMC-10006	miR-204-5p
miR-205	X	X	X	uccuucauuccaccggagucug	SM-10063	SMC-10063	miR-205-5p
miR-2052	X			uguuuugauaacaguaaugu	SM-10027	SMC-10027	-
miR-206	X	X	X	uggaauguaaggaagugugugg	SM-10034	SMC-10034	-
miR-208a	X	X	X	auaagacgagcaaaaagcuugu	SM-10025	SMC-10025	-

miR-208b	X	X			auaagacgaacaaaagguuugu	SM-10026	SMC-10026	-
miR-20a	X	X	X		uaaagugcuuauagugcagguag	SM-10047	SMC-10047	miR-20a-5p
miR-20b	X	X			caaagugcucauagugcagguag	SM-10048	SMC-10048	miR-20b-5p
miR-21	X	X	X		uagcuuaucagacugauguuga	SM-10031	SMC-10031	miR-21-5p
miR-210	X	X	X		cugugcgugugacagcggcuga	SM-10012	SMC-10012	-
miR-211	X				uucccuuugucauccuucgccu	SM-10162	SMC-10162	miR-211-5p
miR-212	X				uaacagucuccagucacggcc	SM-10125	SMC-10125	miR-212-3p
miR-212		X	X		uaacagucuccagucacggcca	SM-10223	SMC-10223	miR-212-3p
miR-214	X	X			acagcaggcacagacaggcagu	SM-10064	SMC-10064	miR-214-3p
miR-215	X				augaccaugaauugacagac	SM-10143	SMC-10143	-
miR-215		X	X		augaccaugauuugacagac	SM-10224	SMC-10224	-
miR-216a	X	X	X		uaaucucagcuggcaacuguga	SM-10354	SMC-10354	-
miR-216b	X	X	X		aaaucucugcaggcaaauguga	SM-10355	SMC-10355	-
miR-217	X				uacugcaucaggaacugauugga	SM-10113	SMC-10113	-
miR-218	X	X	X		uugugcuugaucuaaccaugu	SM-10092	SMC-10092	miR-218-5p
miR-22	X	X	X		aagcugccaguugaagaacugu	SM-10086	SMC-10086	miR-22-3p
miR-221	X	X	X		agcuacauugucugcugggguuuc	SM-10045	SMC-10045	miR-221-3p
miR-222	X	X	X		agcuacaucuggcuacuggggu	SM-10038	SMC-10038	miR-222-3p
miR-223			X		ugucaguuugucaaauacccc	SM-10532	SMC-10532	miR-223-3p
miR-223	X	X			ugucaguuugucaaauacccca	SM-10039	SMC-10039	miR-223-3p
miR-223*	X				cguguauuugacaagcugaguu	SM-10330	SMC-10330	miR-223-5p
miR-224		X			uaagucacuagugguuccguu	SM-10279	SMC-10279	miR-224-5p
miR-224	X				caagucacuaguggguuccguu	SM-10186	SMC-10186	miR-224-5p
miR-238-5p				Worm	uggauguuucucggacguucaaagc	SM-10510	SMC-10510	-
miR-23a	X	X	X		aucacauugccagggauuuucc	SM-10067	SMC-10067	miR-23a-3p
miR-23b	X	X	X		aucacauugccagggauuacc	SM-10068	SMC-10068	miR-23b-3p
miR-24	X	X	X		uggcucaguucagcaggaacag	SM-10088	SMC-10088	miR-24-3p
miR-25	X	X	X		cauugcacuugucucggucuga	SM-10094	SMC-10094	miR-25-3p
miR-26a	X	X	X		uucaaguaauccaggauaggcu	SM-10069	SMC-10069	miR-26a-5p
miR-26b	X	X	X		uucaaguaauucaggauaggu	SM-10179	SMC-10179	miR-26b-5p
miR-27a	X	X	X		uucacaguggcuaaguuccgc			miR-27a-3p
miR-27b	X	X	X		uucacaguggcuaaguucugc	SM-10070	SMC-10070	miR-27b-3p
miR-298	X				agcagaagcagggagguucuccca	SM-10144	SMC-10144	-
miR-299-5p	X	X	X		ugguuuaccgucccacauacau	SM-10282	SMC-10282	-
miR-29a	X	X	X		uagcaccaucugaaaucgguua	SM-10049	SMC-10049	miR-29a-3p
miR-29b	X	X	X		uagcaccauuugaaaucaguguu	SM-10190	SMC-10190	miR-29b-3p
miR-29c	X	X	X		uagcaccauuugaaaucgguua	SM-10050	SMC-10050	miR-29c-3p
miR-301a	X	X	X		cagugcaauaguauugucaaagc	SM-10198	SMC-10198	miR-301a-3p
miR-301b	X				cagugcaaugauauugucaaagc	SM-10199	SMC-10199	-
miR-302a	X	X			uaagugcuuccauguuuuugguga	SM-10145	SMC-10145	miR-302a-3p
miR-302b	X	X			uaagugcuuccauguuuuaguag	SM-10166	SMC-10166	miR-302b-3p
miR-302d	X	X			uaagugcuuccauguuugagugu	SM-10146	SMC-10146	miR-302d-3p
miR-302e	X				uaagugcuuccaugcuu	SM-10297	SMC-10297	-
miR-30a	X	X	X		uguaaacauccucgacuggaag	SM-10082	SMC-10082	miR-30a-5p
miR-30a*	X	X	X		cuuucagucggauguuugcagc	SM-10451	SMC-10451	miR-30a-3p
miR-30b	X	X	X		uguaaacauccuacacucagcu	SM-10084	SMC-10084	miR-30b-5p
miR-30c	X	X	X		uguaaacauccuacacucucagc	SM-10085	SMC-10085	miR-30c-5p
miR-30d	X	X	X		uguaaacauccccgacuggaag	SM-10177	SMC-10177	miR-30d-5p
miR-30e	X	X	X		uguaaacauccuugacuggaag	SM-10083	SMC-10083	miR-30e-5p

miR-31	X				aggcaagaugcuggcauagcu	SM-10036	SMC-10036	miR-31-5p
miR-31		X	X		aggcaagaugcuggcauagcug	SM-10430	SMC-10430	miR-31-5p
miR-3129	X				gcaguaguguagagauugguuu	SM-10302	SMC-10302	miR-3129-5p
miR-3157	X				uucagccaggcuagugcagucu	SM-10296	SMC-10296	miR-3157-5p
miR-3187	X				uuggccauggggcugcgcgg	SM-10301	SMC-10301	miR-3187-3p
miR-32	X	X	X		uauugcacauuacuaaguugca	SM-10155	SMC-10155	miR-32-5p
miR-320e	X				aaagcggguugagaagg	SM-10306	SMC-10306	-
miR-323-5p	X	X	X		aggugguccguggcgcguucgc	SM-10208	SMC-10208	miR-323a-5p
miR-324-3p	X				acugccccaggugcugcugg	SM-10344	SMC-10344	-
miR-326	X				ccucugggcccuuccuccag	SM-10102	SMC-10102	-
miR-326		X	X		ccucugggcccuuccuccagu	SM-10210	SMC-10210	-
miR-328	X	X	X		cuggcccucucugcccuuccgu	SM-10196	SMC-10196	-
miR-337-3p	X				cuccuauaugaugccuuucuuc	SM-10536	SMC-10536	-
miR-338-3p	X	X			uccagcaucagugauuuuguug	SM-10200	SMC-10200	-
miR-33a	X	X	X		gugcauuguaguugcauugca	SM-10181	SMC-10181	miR-33a-5p
miR-33b	X				gugcauugcguuugcauugc	SM-10182	SMC-10182	miR-33b-5p
miR-342-3p	X	X	X		ucucacacagaaaucgcacccgu	SM-10192	SMC-10192	-
miR-346	X				ugucugcccgcaugccugccucu	SM-10147	SMC-10147	-
miR-34a	X	X	X		uggcagugucuuagcugguugu	SM-10007	SMC-10007	miR-34a-5p
miR-34b	X				caaucacuaacuccacugccau	SM-10019	SMC-10019	miR-34b-3p
miR-34b*	X				uaggcagugucauuagcugauug	SM-10382	SMC-10382	miR-34b-5p
miR-3613-3p	X				acaaaaaaaaaagcccaacccuuc	SM-10547	SMC-10547	-
miR-363	X	X	X		aauugcacgguauccaucugua	SM-10148	SMC-10148	miR-363-3p
miR-367	X	X			aauugcacuuuagcaaugguga	SM-10149	SMC-10149	miR-367-3p
miR-3680	X				gacucacucacaggauugugca	SM-10331	SMC-10331	miR-3680-5p
miR-369-3p	X	X	X		aauaauacaugguugaucuuu	SM-10187	SMC-10187	-
miR-370	X	X			gccugcuggggguggaaccuggu	SM-10150	SMC-10150	-
miR-372	X				aaagugcugcgacauuugagcgu	SM-10098	SMC-10098	-
miR-373	X				gaagugcuucgauuuugggugu	SM-10109	SMC-10109	miR-373-3p
miR-374-3p		X			gguuguauuaucauuguccgag	SM-10225	SMC-10225	-
miR-374a	X				uuauaauacaaccugauaagug	SM-10220	SMC-10220	miR-374a-5p
miR-374b	X	X	X		auauaauacaaccugcuaagug	SM-10221	SMC-10221	miR-374b-5p
miR-374c	X				auaaauacaaccugcuaagugcu	SM-10222	SMC-10222	miR-374c-5p
miR-375	X	X	X		uuuguucguucggcucgcguga	SM-10089	SMC-10089	-
miR-376a	X				aucauagaggaaaauccacgu	SM-10167	SMC-10167	miR-376a-3p
miR-376b	X				aucauagaggaaaauccauguu	SM-10151	SMC-10151	-
miR-377	X	X			aucacacaaaggcaacuuuugu	SM-10161	SMC-10161	miR-377-3p
miR-378	X	X	X		acuggacuuggagucagaagg	SM-10087	SMC-10087	miR-378a-3p
miR-378b	X				acuggacuuggaggcagaa	SM-10353	SMC-10353	-
miR-382	X	X	X		gaaguuguucgugguggauucg	SM-10267	SMC-10267	miR-382-5p
miR-39-3p				Worm	ucaccggguguaaaucagcuug	SM-10509	SMC-10509	-
miR-421	X	X			aucaacagacauuaauugggcgc	SM-10111	SMC-10111	-
miR-423-5p	X	X			ugaggggcagagagcgagacuuu	SM-10292	SMC-10292	-
miR-425	X	X	X		aaugacacgaucacucccguuga	SM-10204	SMC-10204	miR-425-5p
miR-4257	X				ccagaggugggggacugag	SM-10546	SMC-10546	-
miR-429	X				uaauacugucugguaaaaccgu	SM-10110	SMC-10110	-
miR-431	X	X	X		ugucuugcaggccgucaugca	SM-10390	SMC-10390	miR-431-5p
miR-432*	X				cuggaugguccuccaugucu	SM-10299	SMC-10299	miR-432-3p
miR-433	X	X	X		aucaugaugggcuccucggugu	SM-10090	SMC-10090	-

miR-4433-5p	X			cgucccaccccccacuccugu	SM-10549	SMC-10549	-
miR-4440	X			ugucguggggcuugcuggcuug	SM-10343	SMC-10343	-
miR-4443	X			uuggaggcgugggguuuu	SM-10293	SMC-10293	-
miR-4484	X			aaaaggcgggagaagcccca	SM-10291	SMC-10291	-
miR-449a	X	X	X	uggcaguguauuguuagcgguu	SM-10118	SMC-10118	-
miR-449b	X			aggcaguguauuguuagcggc	SM-10119	SMC-10119	miR-449b-5p
miR-449b		X		aggcaguguuguuagcggc	SM-10226	SMC-10226	miR-449b-5p
miR-449c	X			uaggcaguguauugcuagcggcugu	SM-10120	SMC-10120	miR-449c-5p
miR-451	X	X	X	aaaccguuaccauuacugaguu	SM-10184	SMC-10184	miR-451a
miR-452	X			aacuguuugcagaggaaacuga	SM-10300	SMC-10300	miR-452-5p
miR-453	X			agguuguccguggugaguucgca	SM-10216	SMC-10216	-
miR-466	X			auacacauacacgcaacacacau	SM-10285	SMC-10285	-
miR-466k		X		ugugugugugacauguacauguga	SM-10227	SMC-10227	-
miR-4700-5p	X			ucuggggaugaggacaguguguu	SM-10548	SMC-10548	-
miR-483-3p	X			ucacuccucuccucccgucuu	SM-10407	SMC-10407	-
miR-484	X	X	X	ucaggcucagucccucccgau	SM-10453	SMC-10453	-
miR-486-3p	X	X		cggggcagcucaguacaggau	SM-10392	SMC-10392	-
miR-487b	X	X		aaucguacagggucauccacuu	SM-10284	SMC-10284	-
miR-490-3p	X	X	X	caaccuggaggacuccaugcug	SM-10194	SMC-10194	-
miR-490-5p	X	X	X	ccauggaucuccagguggggu	SM-10193	SMC-10193	-
miR-491-5p	X	X		aguggggaacccuuccaugagg	SM-10537	SMC-10537	-
miR-494	X	X		ugaaacauacacgggaaaccuc	SM-10097	SMC-10097	-
miR-495	X	X	X	aaacaaacauggugcacuucuu	SM-10389	SMC-10389	-
miR-497	X			cagcagcacacugugguuugu	SM-10152	SMC-10152	miR-497-5p
miR-499-5p	X	X	X	uuaagacuugcagugauguuu	SM-10041	SMC-10041	miR-499a-5p
miR-500	X			uaauccuugcuaccugggugaga	SM-10122	SMC-10122	-
miR-5004-5p	X			ugaggacagggcaaauucacga	SM-10565	SMC-10565	-
miR-503	X			uagcagcgggaacaguucugcag	SM-10154	SMC-10154	-
miR-504	X	X		agacccuggucugcacucuauc	SM-10153	SMC-10153	-
miR-505*	X			gggagccaggaaguauugaugu	SM-10379	SMC-10379	miR-505-5p
miR-507	X			uuuugcaccuuuuggagugaa	SM-10428	SMC-10428	-
miR-510	X			uacucaggagaguggcaaucac	SM-10289	SMC-10289	-
miR-513c	X			uucucaaggaggugucguuuau	SM-10270	SMC-10270	miR-513c-5p
miR-514b-3p	X			auugacaccucugugagugga	SM-10281	SMC-10281	-
miR-517a	X			aucgugcaucccuuuagagugu	SM-10217	SMC-10217	miR-517a-3p
miR-517b	X			ucgugcaucccuuuagaguguu	SM-10219	SMC-10219	-
miR-517c	X			aucgugcauccuuuuagagugu	SM-10218	SMC-10218	miR-517c-3p
miR-520a-3p	X			aaagugcuucccuuuggacugu	SM-10168	SMC-10168	-
miR-520c-3p	X			aaagugcuuccuuuuagagggu	SM-10452	SMC-10452	-
miR-520d-3p	X			aaagugcuucucuuuggugggu	SM-10169	SMC-10169	-
miR-520e	X			aaagugcuuccuuuuugaggg	SM-10173	SMC-10173	-
miR-520g	X			acaaagugcuucccuuuagagugu	SM-10178	SMC-10178	-
miR-521	X			aacgcacuucccuuuagagugu	SM-10124	SMC-10124	-
miR-532-5p	X	X		caugccuugaguguaggaccgu	SM-10172	SMC-10172	-
miR-541	X			uggugggcacagaaucuggacu	SM-10391	SMC-10391	miR-541-3p
miR-548d-5p	X			aaaaguaauuguggguuuuugcc	SM-10383	SMC-10383	-
miR-548h	X			aaaaguaaucgcgguuuuugc	SM-10024	SMC-10024	miR-548h-5p
miR-548i	X			aaaaguaauugcggauuuugcc	SM-10022	SMC-10022	-
miR-548j	X			aaaaguaauugcggucuuuggu	SM-10298	SMC-10298	-

miR-548l	X			aaaaguauuugcggguuuuguc	SM-10037	SMC-10037	-
miR-548n	X			caaaaguaauuguggauuuugu	SM-10335	SMC-10335	-
miR-558	X			ugagcugcuguaccaaaau	SM-10017	SMC-10017	-
miR-574-3p	X	X		cacgcucaugcacacacccaca	SM-10195	SMC-10195	-
miR-584	X			uuaugguuugccugggacugag	SM-10156	SMC-10156	miR-584-5p
miR-588	X			uuggccacaauggguuagaac	SM-10341	SMC-10341	-
miR-589	X			ugagaaccacgucugcucugag	SM-10269	SMC-10269	miR-589-5p
miR-592	X			uugugucaauaugcgaugaugu	SM-10275	SMC-10275	-
miR-601	X			uggucuaggauuguuggaggag	SM-10157	SMC-10157	-
miR-631	X			agaccuggcccagaccucagc	SM-10307	SMC-10307	-
miR-636	X			ugugcuugcucgucccgcccgca	SM-10268	SMC-10268	-
miR-638	X			agggaucgcgggcggguggcggccu	SM-10018	SMC-10018	-
miR-644	X			aguguggcuuucuuagagc	SM-10424	SMC-10424	miR-644a
miR-6514-3p	X			cugccuguucuuccacuccag	SM-10550	SMC-10550	-
miR-657	X			ggcagguucucacccucucuagg	SM-10185	SMC-10185	-
miR-660	X			uacccauugcauaucggaguug	SM-10205	SMC-10205	miR-660-5p
miR-661	X			ugccugggucucuggccugcgcgu	SM-10170	SMC-10170	-
miR-671-5p	X	X		aggaagcccuggaggggcuggag	SM-10432	SMC-10432	-
miR-6722-5p	X			aggcgcacccgaccacaugc	SM-10551	SMC-10551	-
miR-675	X			uggugcggagagggcccacagug	SM-10130	SMC-10130	miR-675-5p
miR-675-5p		X	X	uggugcggaaagggcccacagu	SM-10278	SMC-10278	-
miR-6756-3p	X			uccccuuccucccugcccag	SM-10553	SMC-10553	-
miR-6813-3p	X			aaccuuggccccucucucccag	SM-10554	SMC-10554	-
miR-687		X		cuauccuggaaugcagcaauga	SM-10277	SMC-10277	-
miR-7	X	X	X	uggaagacuagugauuuuguugu	SM-10106	SMC-10106	miR-7-5p
miR-708	X	X	X	aaggagcuuacaaucuagcuggg	SM-10201	SMC-10201	miR-708-5p
miR-712		X		cuccuucacccgggcgguacc	SM-10394	SMC-10394	-
miR-741-3p			X	aaagaugccacgcuauguagau	SM-10333	SMC-10333	-
miR-744	X	X		ugcggggcuagggcuaacagca	SM-10206	SMC-10206	miR-744-5p
miR-744*	X	X		cguugccacuaaccucaaccu	SM-10207	SMC-10207	miR-744-3p
miR-758	X		X	uuugugaccugguccacuaacc	SM-10276	SMC-10276	-
miR-885-5p	X			uccauuacacuacccugccucu	SM-10334	SMC-10334	-
miR-9	X	X	X	ucuuugguuaucuagcguauga	SM-10107	SMC-10107	miR-9-5p
miR-923	X			gucagcggaggaaaagaaacu	SM-10337	SMC-10337	-
miR-92a	X			uauugcacuugucccggccugu	SM-10116	SMC-10116	miR-92a-3p
miR-92b	X	X	X	uauugcacucgucccggccucc	SM-10117	SMC-10117	miR-92b-3p
miR-93	X	X	X	caaagugcuguucgugcagguag	SM-10004	SMC-10004	miR-93-5p
miR-939	X			uggggagcugaggcucugggggug	SM-10294	SMC-10294	-
miR-96	X	X	X	uuuggcacuagcacauuuuugcu	SM-10054	SMC-10054	miR-96-5p
miR-99a	X	X	X	aacccguagauccgaucuugug	SM-10134	SMC-10134	miR-99a-5p
miR-99b	X	X	X	cacccguagaaccgaccuugcg	SM-10135	SMC-10135	miR-99b-5p